



# Bravo Testing Method

- Testing Field Observations
- Preliminary Test Protocol
- Water Tests for Dispenser Containment
- Visual or Electronic Test Equipment
- Proper Disposal of Test Fluid



# Testing Field Observations

- Float chains not properly adjusted
- Water may damage equipment in sumps
- Water may leak between seal-off and conduit
- Trouble shooting is time consuming



# Preliminary Test Protocol

- Clean sump of debris before testing
- Make sure only Bravo equipment inside
- Make sure fittings are properly tightened
- Set float chain if not properly adjusted



# Water Tests for Dispenser Containment

- Shallow pan, water test 1" above fittings
- Deep sump, water test 2" above fittings
- Deep sump, If other manufacturers products are below fitting water test 4" from bottom plus additional fluid to activate fail safe sensor



# Visual or Electronic Test Equipment

- Visual water test 1 hour, 1/8" Drop in level.
- Electronic level test, may accelerate test based on a Water Test Table.



# Properly Dispose of Test Fluid

- Rinsing fluid
- Test fluid
- Properly dispose of both fluids



# Testable Dispenser Containment

- Fast Visual Test
- Continuous Hydrostatic Test
- Prevents Damage to Other Manufactures Equipment
- Virtually Eliminates Leaks from Sump
- Eliminates HAZMAT Disposal of Test Fluid



# Fast Visual Test

- Clear manometer
- $\frac{1}{4}$ " Drop manometer level equals  $< 0.05$  gal

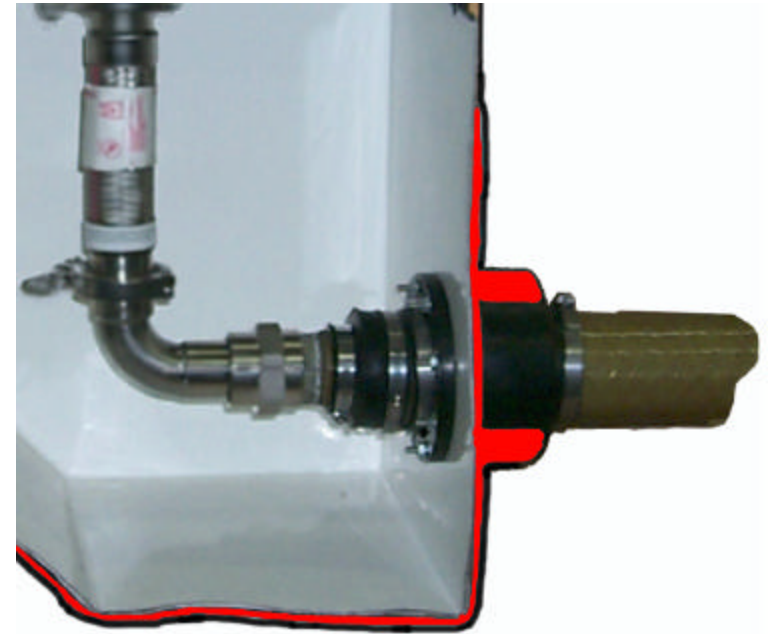






# Continuous Hydrostatic Test

- Interstitial fluid tests box and fittings  
365 days / year
- Sump Interior  
Remains Dry
- Prevents Damage to  
other manufacturers  
equipment
- Eliminates HAZMAT disposal of test fluid





# Virtually Eliminates Leaks from Sump

- Double wall containment fittings
- May be continuously monitored electronic

